State Water Project



California Water Commission

State Water Project Strategic Plan

Mission: Safely supply quality water for the benefit of Californians and the environment

Vision: As ONE team develop innovative solutions to modernize, maintain, and operate SWP infrastructure while being good stewards and building partnerships



STATE WATER PROJECT STRATEGIC PLAN

Mission:

Through the State Water Project, the California Department of Water Resources safely supplies good quality water for municipal, industrial, agricultural, and recreational uses and for protecting and enhancing fish and wildlife.

The California SWP is the largest state-owned and operated water storage and delivery system in the country. The SWP is owned, operated, and maintained by the California Department of

Water Resources (DWR) and includes over 700 miles of aqueduct (canals and pipelines), 36 storage reservoirs, 21 pumping plants, 4 pumping-generating plants; and 5 hydroelectric power plants. SWP deliveries provide water to nearly 27 million Californians and about 750,000 acres of irrigated farmland. DWR also operates the SWP to improve water quality in the Delta, control Feather River flood waters, generate power, provide recreation, and enhance fish and wildlife habitat.

Vision:

As a team, we will be innovative in our solutions to modernize our infrastructure while being good stewards of the environment, adapting to climate change, and building better partnerships with the communities we serve and protect. Our organization will work

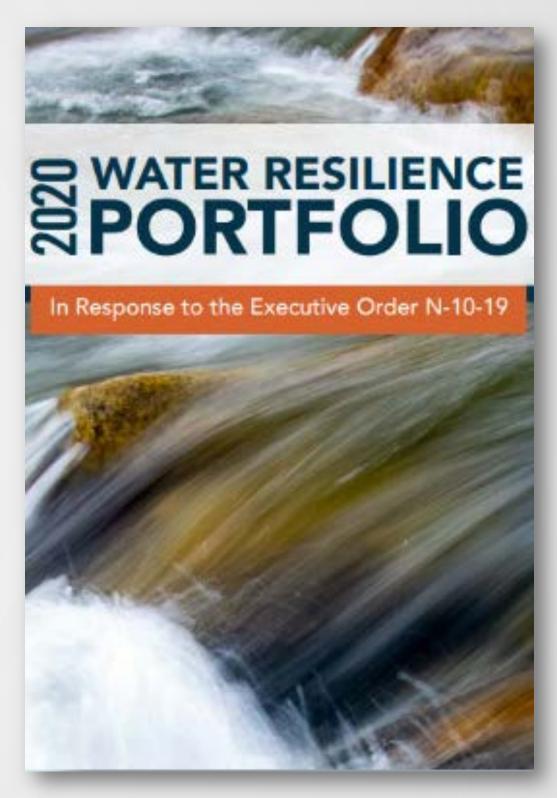
as one team across organizational boundaries, capable of delivering successful projects utilizing different delivery methods leveraging our core competencies and expertise. As a leadership team, we will showcase experience as industry leaders and display our professionalism and prestige, which has been the hallmark of the SWP.





Water Resiliency

- Delta Conveyance
- Subsidence effects on water infrastructure
- Water Transfers
- Risk-informed asset management plans
- Forecast-informed reservoir operations



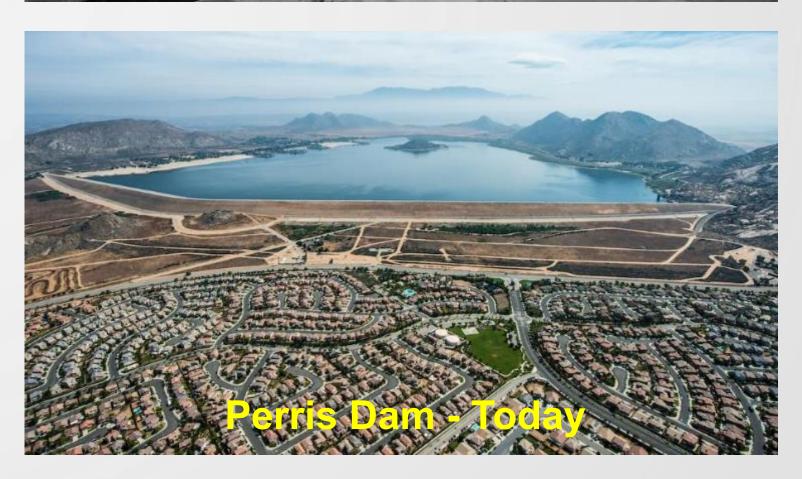


Challenges to ensure continued operation of the SWP

- Aging infrastructure
- Safety, security and emergency response
- Subsidence along the Aqueduct
- Climate change and natural disasters
- Growing population increases demands
- Long term affordability
- Regulatory compliance





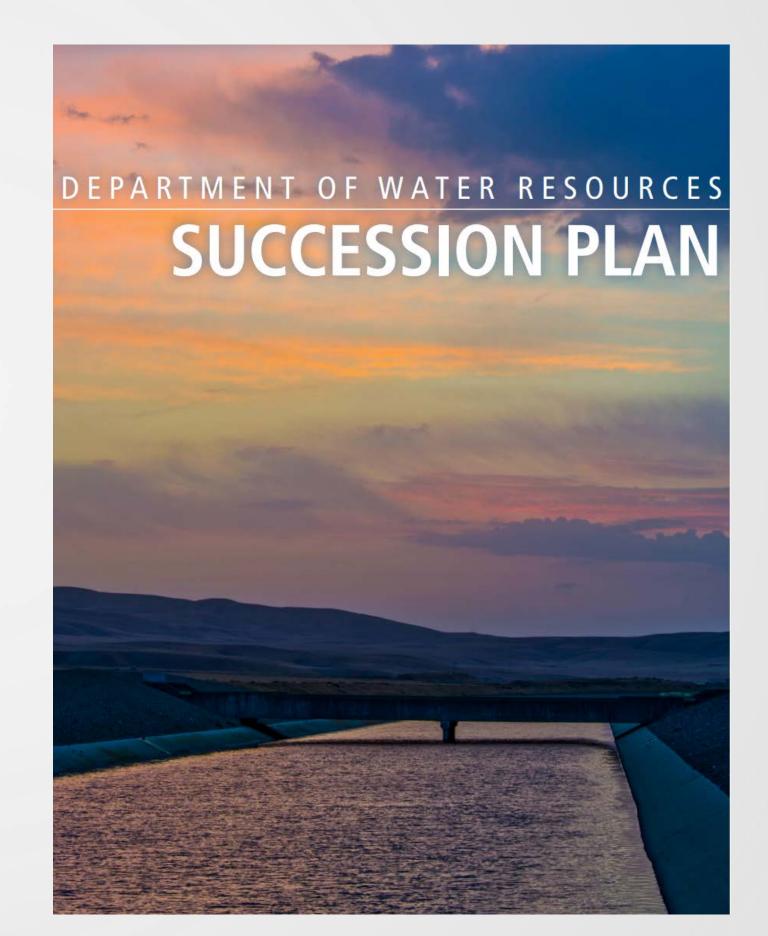


Workforce Initiatives

SWP One Team

- Succession Planning
- Division Enhancements

 New Aging Infrastructure Positions





Continued Investment

Infrastructure over 60 years old

 \$7.6 billion State capital investment through 2016

 \$15.4 billion in SWP operating costs through 2016

- \$1.3 billion current annual costs
 - \$750 million in SWP operating costs





Operations and Maintenance

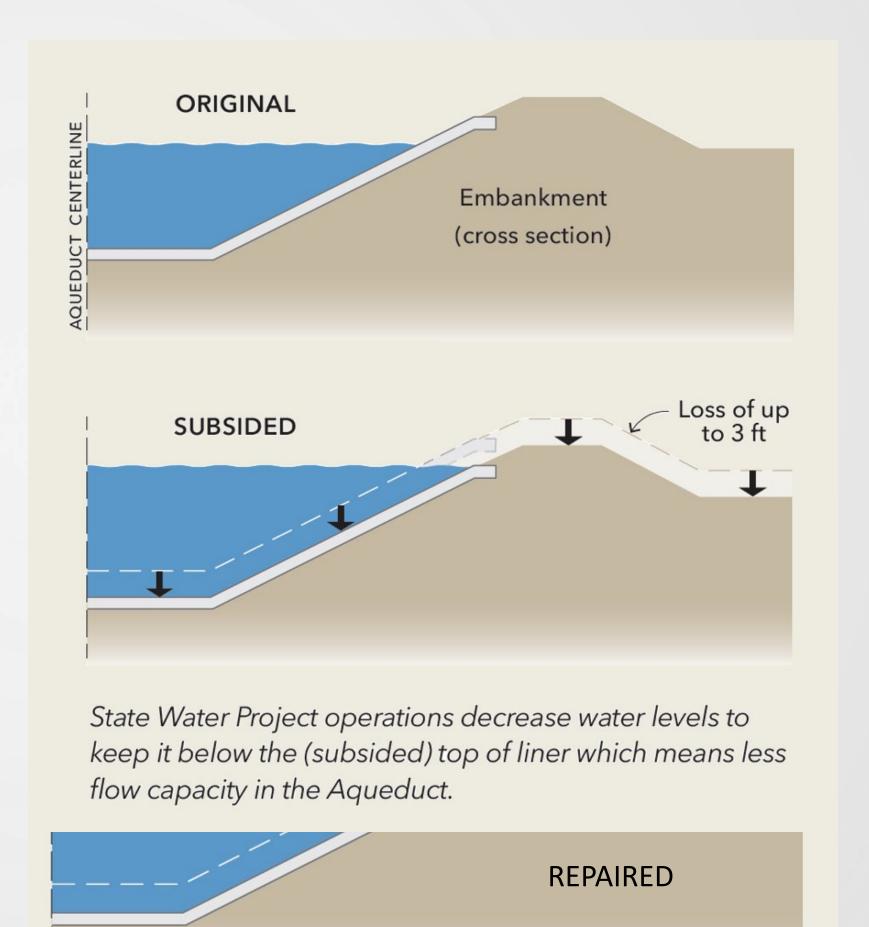
- Asset Management
- Maintenance Management
- Dam Safety Enhancements
- Infrastructure Improvements
- Workforce and Public Safety





California Aqueduct Subsidence

- 3 feet of subsidence during recent drought
- Deep groundwater pumping
- Restore delivery capacity for reliable water deliveries
- Operational flexibility
- Long term infrastructure resiliency



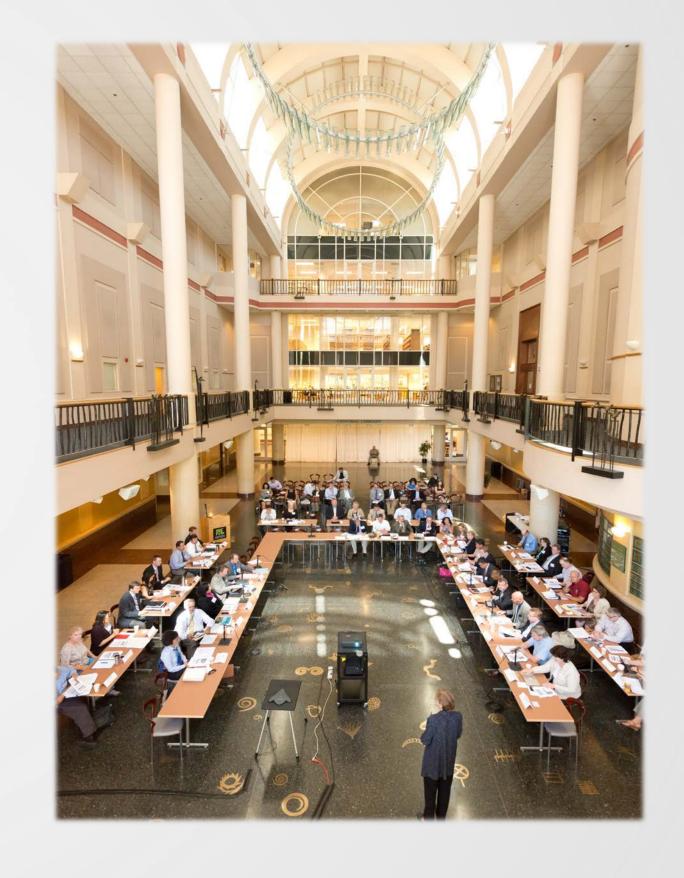


SWP Water Supply Contracts

- Contract Extension
 - 2035 to 2085
 - Addition of Chief Financial Manager
 - New billing process: Pay-Go

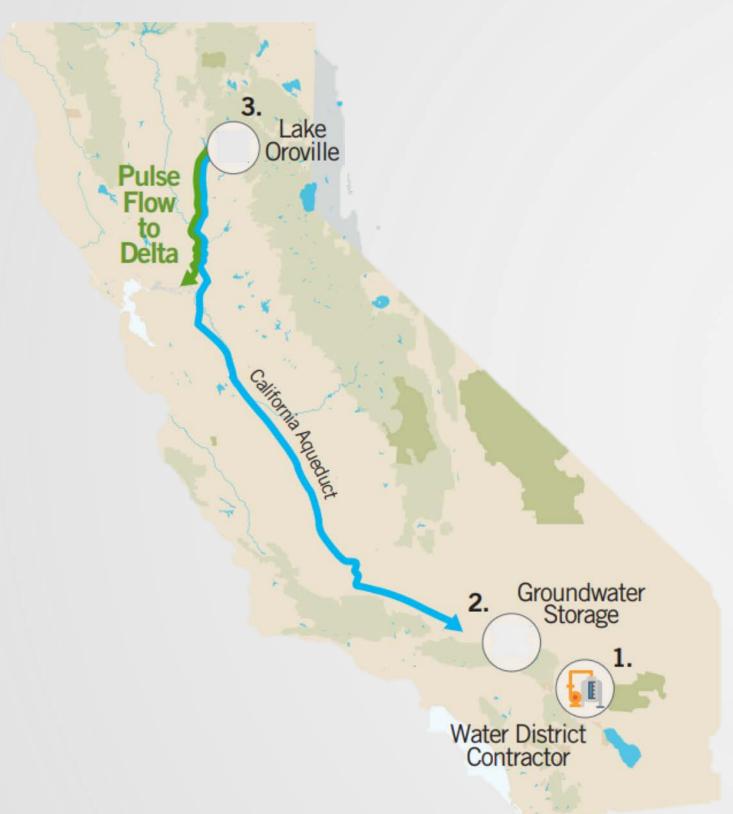
- Water Management Tools
 - Flexibility for Water Transfers

Water Supply Investment Program





Water Supply Investment Program



- Collaborative effort between Water Commission, DWR, and resource agencies
- SWP Partnering on 5 projects
 - Expanding existing reservoirs
 - Boosting groundwater storage
 - Building 21st century water storage facilities
 - Pulse flows for public benefit









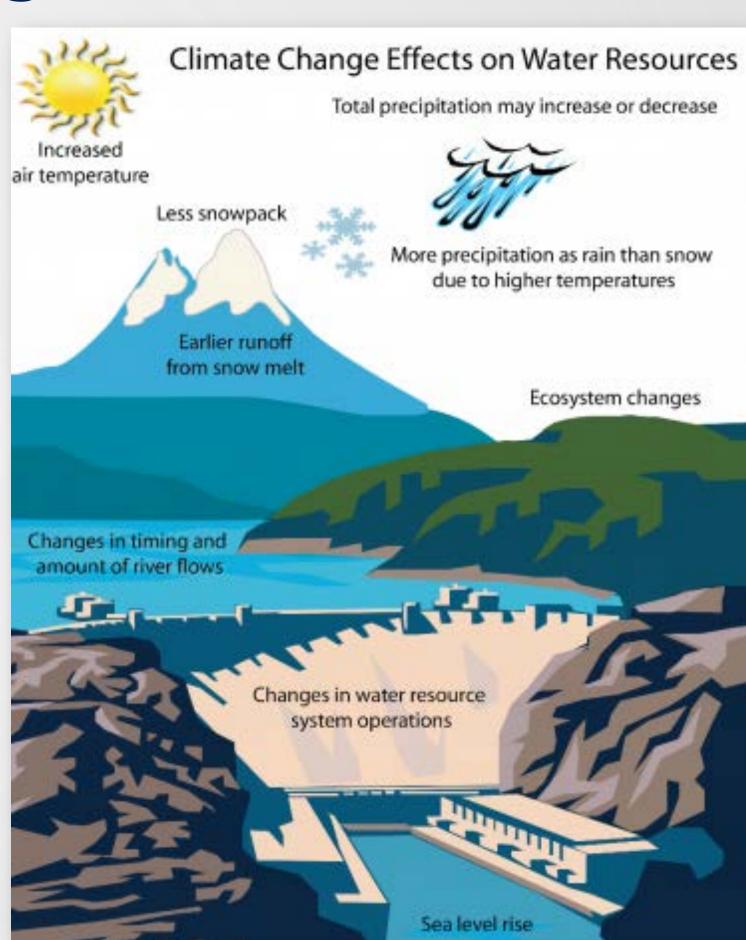




Climate Change

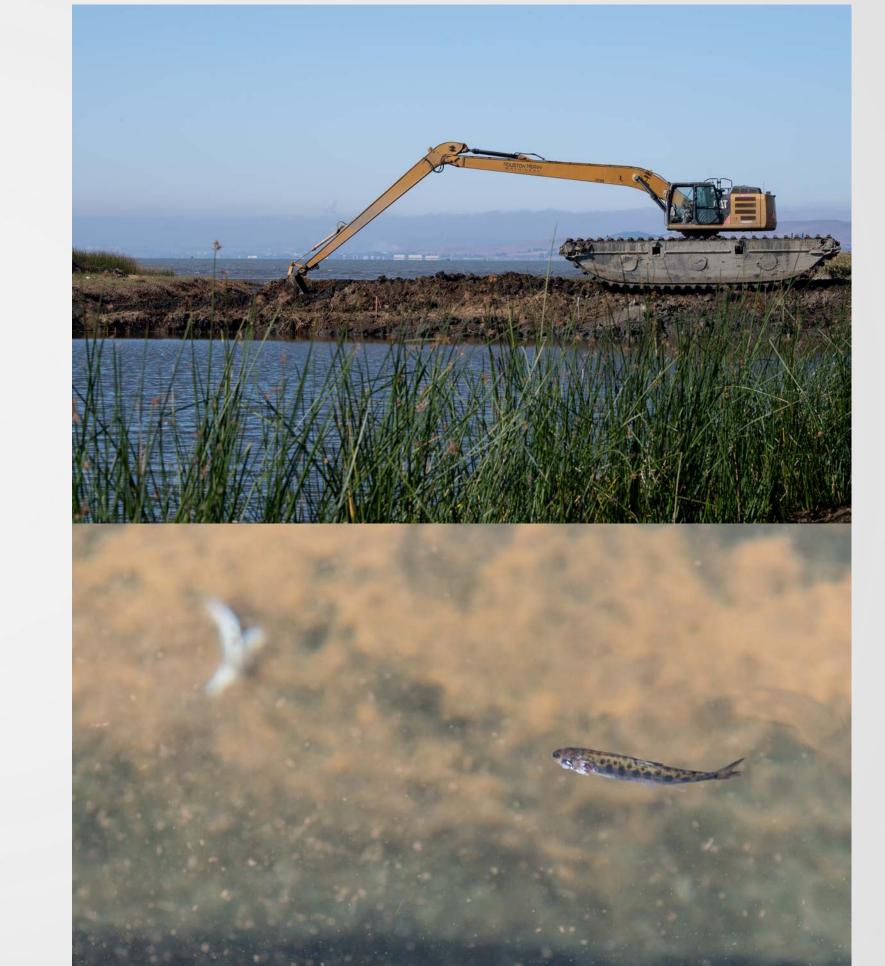
- Climate Action Plan
- SWP power portfolio carbon-free by 2045
- Refining water planning models
- Flood control manual update
- Forecast-informed reservoir operations





Environmental Restoration

- Biological Opinions and Incidental Take Permits
- Habitat Restoration and Enhancement Projects
- Increase Science, Monitoring, Sampling and Reporting
- Long-Term Operations





THANK YOU

Questions?

